

## SEQUENCE LISTING

<110> Biogen Idec Inc.  
Anderson, Darrell R.  
Rastetter, William H.  
Hanna, Nabil  
Newman, Roland  
Reff, Mitchell

<120> EXPRESSION AND USE OF ANTI-CD20 ANTIBODIES

<130> 27693-01009

<140> 09/911,692

<141> 2001-07-25

<150> US 08/475,813

<151> 1995-06-07

<150> US 08/149,099

<151> 1993-11-03

<150> US 07/978,891

<151> 1992-11-13

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<211> 384
<212> DNA
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<220>
<223> sense orientation

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<211> 128
<212> PRT
<213> Mus musculus

<400> 4
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Val Ile Met Ser Arg Gly Gln Ile Val Leu Ser Gln Ser Pro Ala Ile
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Leu Ser Ala Ser Pro Gly Glu Lys Val Thr Met Thr Cys Arg Ala Ser
35 40 45
Ser Ser Val Ser Tyr Ile His Trp Phe Gln Gln Lys Pro Gly Ser Ser
50 55 60
Pro Lys Pro Trp Ile Tyr Ala Thr Ser Asn Leu Ala Ser Gly Val Pro
65 70 75 80
Val Arg Phe Ser Gly Ser Gly Thr Ser Tyr Ser Leu Thr Ile
85 90 95
Ser Arg Val Glu Ala Glu Asp Ala Ala Thr Tyr Tyr Cys Gln Gln Trp
100 105 110
Thr Ser Asn Pro Pro Thr Phe Gly Gly Gly Thr Lys Leu Glu Ile Lys
115 120 125

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<212> DNA
<213> Mus musculus

<220>
<223> sense orientation

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<400> 5

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 <211> 140  
 <212> PRT  
 <213> Mus musculus

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          20          25          30
Pro Gly Ala Ser Val Lys Met Ser Cys Lys Ala Ser Gly Tyr Thr Phe
          35          40          45
Thr Ser Tyr Asn Met His Trp Val Lys Gln Thr Pro Gly Arg Gly Leu
          50          55          60
Glu Trp Ile Gly Ala Ile Tyr Pro Gly Asn Gly Asp Thr Ser Tyr Asn
65          70          75          80
Gln Lys Phe Lys Gly Lys Ala Thr Leu Thr Ala Asp Lys Ser Ser Ser
          85          90          95
Thr Ala Tyr Met Gln Leu Ser Ser Leu Thr Ser Glu Asp Ser Ala Val
          100          105          110
Tyr Tyr Cys Ala Arg Ser Thr Tyr Tyr Gly Gly Asp Trp Tyr Phe Asn
          115          120          125
Val Trp Gly Ala Gly Thr Thr Val Thr Val Ser Ala
          130          135          140

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<210> 7  
 <211> 27  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> impaired Kozak sequence and restriction enzyme site

<220>  
 <223> sense orientation

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 <212> DNA  
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<220>  
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<400> 9
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<220>
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<223> PCR Primer

<220>
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<223> s is g or c

<220>
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<223> r is g or a

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29